



State of Utah

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

## Department of Administrative Services

KIMBERLY K. HOOD  
Executive Director

### Division of Facilities Construction and Management

DAVID G. BUXTON  
Director

# ADDENDUM No. 1

Date: November 25, 2008

To: Contractors

From: Craig Wessman, Project Manager, DFCM

Reference: Utility Tunnel Extension  
Salt Lake Community College - Redwood Road Campus  
DFCM Project No. 08100660

Subject: **Addendum No. 1**

Pages	Addendum Cover Sheet	1 page
	Revised Bid Form	2 pages
	Architect's Addendum	7 pages
	Total	10 pages

**Note:** *This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.*

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES:** No schedule changes.

1.2 **GENERAL ITEMS:**

- 1.2.1 Estimate amount increased to \$750,000.
- 1.2.2 Revised bid form to include two unit prices.
- 1.2.3 Architects Addendum including Questions/Answers, Spec/Drawing Clarifications, and Attachments.

**BID FORM – REVISED PER  
ADDENDUM NO. 1 DATED NOVEMBER 25, 2008**

NAME OF BIDDER \_\_\_\_\_ DATE \_\_\_\_\_

To the Division of Facilities Construction and Management  
4110 State Office Building  
Salt Lake City, Utah 84114

The undersigned, responsive to the "Invitation to Bid" and in accordance with the Request for Bids for the **UTILITY TUNNEL EXTENSION – PHASE 2 - REDWOOD ROAD CAMPUS - SALT LAKE COMMUNITY COLLEGE - SALT LAKE CITY, UTAH – DFCM PROJECT NO. 08100660** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: \_\_\_\_\_

**BASE BID:** For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) (In case of discrepancy, written amount shall govern)

**UNIT PRICE NO. 1:** Waterproofing for existing concrete tunnel \$\_\_\_\_\_/SQUARE FOOT.

**UNIT PRICE NO. 2:** Injection crack sealing \$\_\_\_\_\_/LINEAL FOOT

I/We guarantee that the Work will be Substantially Complete by **May 1, 2009**, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$165.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of \_\_\_\_\_

The undersigned Contractor's License Number for Utah is \_\_\_\_\_.

BID FORM  
PAGE NO. 2

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization:

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(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

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Respectfully submitted,

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Name of Bidder

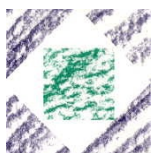
ADDRESS:

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Authorized Signature



## HFS ARCHITECTS

1484 South State Street  
Salt Lake City, Utah 84115  
801-596-0691 • Fax: 596-0693 • [www.hfsa.com](http://www.hfsa.com)

### Addendum No. 1

Project: Utility Tunnel Extension Phase 2

Date: 25 November 2008

Address: Redwood Campus

Project No.: DFCM 081006600 / HFSA 0825.01

City, State: Salt Lake City, Utah

Agency: Salt Lake Community College

#### To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

Item No.	Section or Sheet No.	Description
<b>GENERAL ITEMS</b>		
1 -1	Question	What is the amount of crack repair to include in the bid? Clarification: For bidding purposes assume 20 lineal feet in the base bid. Additional crack repair will be covered by 'Unit Pricing', see 'Unit Price' specification section 01270 attached to this addendum.
1 -2	Question	Are we to figure any large cavity patches? Clarification: No.
1 -3	Question	What is the existing waterproofing system comprised of? Clarification: For bidding purposes assume it is a hot applied asphalt system.
1 -4	Question	What is the top and bottom elevations of the existing tunnel? Clarification: The bottom and top of the tunnel varies, for bidding purposes assume the bottom is 12'-6" and the top is 1'-6".
1 -5	Question	It appears there may have been a vent in the tunnel at the administration building. Is this the vent box structure that is visible above grade? Will we have to deal with this vent in any way? Clarification: There is not vent box into the tunnel in this area. There is an air intake into the administration building located in the area that will not be involved in the work in this area.
1 -6	Question	Why is the excavation area shown off center of the tunnel in this area? Clarification: The excavation is off center because it is assumed the existing waterproofing is in good condition and the leaking problem only occurs on the south side.
1 -7	Question	Please clarify how many trees are to be demolished by the Construction Trades

Item No.	Section or Sheet No.	Description
		building. Clarification: The Demolition Plan on Sheet L1.1 show 2 trees on the south side of the sidewalk to be demolished and 2 trees on the north side of the sidewalk to be demolished. Note: All of the trees are 12"-plus diameter.
1 -8	Question	Is it acceptable to stock pile the excavated soils from the tunnel excavation areas and backfill with this same material? Clarification: Refer to the 'Earthwork' specification section 02200 for clarification of acceptable soils for backfill. However, during Phase 1 all excavated material was able to be used for backfill.
1 -9	Question	The specification manual requires the high voltage MC cable to be red. According to the electrical material supply house, the cable is not available in red. The existing high voltage cable in the tunnel has been painted red (perhaps for the above-stated reason). Please clarify this item. Clarification: Closer inspection should reveal that the existing cables are not painted but do have a red overall jacket. The overall jacket is commonly used by manufacturers to identify the system voltage. One example of a manufacturer of using a red overall jacket is Southwire, product code GS13-ET.
1 -10	Question	Sheet AS501, Detail E1 indicates a continuous 3/4" deep depression channel, is this required? Clarification: No delete from detail.
1 -11	Question	The specification manual contains a concrete mix design for exterior paving, no concrete mix design is found for topping slab, please clarify. Clarification: For bidding purposes assume 3000 psi concrete mix with no air entrainment or forta-fiber.
1 -12	Question	No expansion joints are indicated for the tunnel topping slab, please clarify is required. Clarification: Scored control joints at 6'-0" o.c. corresponding to tunnel joints.
1 -13	Question	Will new sod be required at area of excavation by the Administration Building? Clarification: Yes, replace all landscaping disturbed by excavation.
1 -14	Clarification	Include in bid water treatment of existing lines: flush lines, clean pipe, refill and treat.

#### **SPECIFICATION ITEMS**

1 -15	01270	Add attached specification section 'Unit Prices'. Clarification: For bidding purposes assume 20 lineal feet of injection crack repair in the base bid and 1,800 square feet of waterproofing in the base bid.
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#### **DRAWING ITEMS**

1 -16	None this addendum.
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#### **PRIOR APPROVALS**

Item No.	Section or Sheet No.	Description
1 -17		None this addendum.

#### **ATTACHMENTS**

1 -18	2 Pages	Mechanical Addendum.
1 -19	2 Pages	01270 Unit Prices.

# MECHANICAL ADDENDUM

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Project Name: SLCC Tunnel Phase 1

Addendum No.: 1

DFCM Project # 08100660

Date: 11-25-08

From: WHW Engineering Inc  
8619 South Sandy Parkway  
Sandy, Utah 84070  
Phone (801) 466-4021 Fax (801) 466-8536

To: All bidders

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This Addendum forms and becomes a part of the Contract Documents and modifies the original Bidding Documents dated October 2008 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 2 pages.

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## **I - CHANGES TO PRIOR ADDENDA: NA**

## **II - CHANGES/CLARIFICATIONS TO SPECIFICATIONS:**

- Item II-1.** Specification Section 15181-3.1: Chilled water piping in tunnel shall be Schedule 40 steel pipe with welded and flanged joints. No grooved joint shall be allowed in tunnel. Chilled water piping in Construction Trades building may be grooved joint.
- Item II-2.** Specification Section 15181-2.4: Water treatment shall be corrosion inhibitor by Power Engineering.
- Item II-3.** Specification Section 15181 and 15182: Add the following to the welding inspection requirements:
- “Testing and acceptance -
- a. Owners Representative shall hire an independent testing agency, who shall at their disgression shall inspect welds. If welds are found to be suspect, contractor shall provide additional testing of questionable welds at contractor's expense.
  - b. Testing shall be by radiograph, ultrasonic, sectioning or a combination of these methods at the option of the Owner.
  - c. The initial testing shall include a minimum of 6 welds up to a maximum of 1/4 of all welds on project as selected by the testing agency.
  - d. Tests shall be performed by a recognized independent testing agency acceptable to all parties. Agency shall submit a test report.
  - e. If defective joints are discovered Owner shall have right to require all welds removed and redone or remaining welds tested and all defective welds replaced. All work to perform additional testing, or to remove and replace welds shall be at contractor's expense.”
- Item II-4.** Specification Section 15910: Please make the following corrections:
1. The central system being modified is for the construction trades building, not the cashier's office.
  2. Outside air damper shall be motorized, and controlled to maintain a cooling setpoint in the tunnel. The cooling setpoint shall be adjustable through the BAS.

3. The intent is to have an audible and remote high water alarm to alert maintenance personnel if there is a leak in the tunnel, and if the sump pumps are unable to keep up. This highwater alarm does not have to be part of the pump, but could be a separate highwater sensor in each basin. The ATC should provide the local audible alarm, and the remote alarm through the BAS.
4. There is not going to be a temporary chiller, however the operation of pumps P-1 and P-2 should be verified, and adjusted as necessary after the pipe routing is modified, in order to make sure that the performance remains adequate.

### **III - CHANGES/CLARIFICATIONS TO DRAWINGS:**

- Item III-1.** The 2" DWV pipe called out in the text box on sheet ME101 is intended to be the 2" drain piping associated with the sump pumps and sheet note 5. Slope 2" drain piping back to the floor drains in the nearest mechanical rooms.

End of Addendum



SECTION 01270 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for unit prices.
- B. Related Sections include the following:
  - 1. Division 7 Section "Cold Fluid-Applied Waterproofing" for procedures for measurement and payment for square foot.
  - 2. Injection crack repair described on the drawings.

1.3 DEFINITIONS

- A. Unit price is an amount proposed by bidders, stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
- B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A list of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 LIST OF UNIT PRICES

A. Unit Price No. 1 - Cold Fluid-Applied Waterproofing:

1. Description: Price to install waterproofing according to Division 7 Section "Cold Fluid-Applied Waterproofing."
2. Unit of Measurement: Square foot.

B. Unit Price No. 2 - Injection Crack Repair

1. Description: Price to repair cracks with injection method described on Sheet AS102.
2. Unit of Measurement: Lineal foot.

END OF SECTION 01270